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Metalloporphyrins; Encapsulation (Battioni, P. (109) 91)

Alkenes; Epoxidation; Manganese; Porphyrins; Peroxomonosulfate (Campestrini, S. (109) 133)

Cyclohexane; Iron(III)porphyrin; Porphyrin; 2,6-Dichlorophenylporphyrin; Pentafluorophenylporphyrin; Homogeneous catalysis (Iamamoto, Y. (109) 189)

Palladium
Carbonylation; Nitro compounds; Isocyanates; Carbamates; Ureas; Mechanistic studies (Ragaini, F. (109) 1)

Wacker oxidation; Olefins; Dextrin derivatives; Per(2,6-di-*O*-methyl)-β-cyclodextrin; Phosphomolybdovanadic acid; Copper sulfate; Vanadium (Monflier, E. (109) 27)

Cyclopalladated complexes; Telomerization; Butadiene; Alcohols (Camargo, M. (109) 127)

Hydrogenation; Liquid phase; Isoprene; Gold; Silver (Bond, G.C. (109) 261)

Pentafluorophenylporphyrin
Cyclohexane; Iron(III)porphyrin; Oxidation; Porphyrin; 2,6-Dichlorophenylporphyrin; Homogeneous catalysis (Iamamoto, Y. (109) 189)

Per(2,6-di-*O*-methyl)-β-cyclodextrin
Wacker oxidation; Olefins; Dextrin derivatives; Phosphomolybdovanadic acid; Copper sulfate; Palladium; Vanadium (Monflier, E. (109) 27)

Peroxomonosulfate
Alkenes; Epoxidation; Oxidation; Manganese; Porphyrins (Campestrini, S. (109) 133)

1,10-Phenanthroline
Ethylene; Hydroformylation; 1-Octene; Propylene; Ruthenium (Mitsudo, T.-a. (109) 219)

Phenyl methanes
Alkylbenzylhalides; Bentonite clay; Free radicals; Aromatic substitution (Salmón, M. (109) L85)

Phosphomolybdovanadic acid
Wacker oxidation; Olefins; Dextrin derivatives; Per(2,6-di-*O*-methyl)-β-cyclodextrin; Copper sulfate; Palladium; Vanadium (Monflier, E. (109) 27)

Photocatalysis
Zirconia–silica; Photooxidation; Nitrophenol (Navío, J.A. (109) 239)

Photooxidation
Zirconia–silica; Photocatalysis; Nitrophenol (Navío, J.A. (109) 239)

Phthalocyanine
Olefins; Epoxidation; Side reaction (Gaigneaux, E.M. (109) 67)

Thiol oxidation; Zeozyme; Zeolites; Encapsulation; Hydrophobicity (Thibault-Starzyk, F. (109) 75)

Platinum–tin catalysts
Sol–gel catalysts; n-Heptane; Dehydrocyclization; Cyclohexane; Dehydrogenation; Toluene; Dealkylation; Coke deactivation; Thiophene poisoning (Gómez, R. (109) 55)

Polymerization
Dimolybdenum(II,II); Molybdenum; Cyclopentadiene; Dicyclopentadiene; Silica; Conducting (McCann, M. (109) 99)

Polymer supported catalyst
Poly(styrene–divinyl) benzene; Hydrogenation; Nitrobenzene; Ruthenium; Supported catalysts (Patel, D.R. (109) 141)

Poly(styrene–divinyl) benzene
Hydrogenation; Nitrobenzene; Ruthenium; Polymer supported catalyst; Supported catalysts (Patel, D.R. (109) 141)

Polystyrenes
Guanidines; Spacer-arm; Transesterification; Vegetable oils; Leaching (Schuchardt, U. (109) 37)

Porphyrin
Cyclohexane; Iron(III)porphyrin; Oxidation; 2,6-Dichlorophenylporphyrin; Pentafluorophenylporphyrin; Homogeneous catalysis (Iamamoto, Y. (109) 189)

Porphyrins
Alkenes; Epoxidation; Oxidation; Manganese; Peroxomonosulfate (Campestrini, S. (109) 133)

Propane
Zeolite; H-ZSM-5; Gallium; MAS NMR; Mechanism; Alkylation; Benzene; Toluene (Ivanova, I.I. (109) 157)

Propylene
Ethylene; Hydroformylation; 1-Octene; 1,10-Phenanthroline; Ruthenium (Mitsudo, T.-a. (109) 219)

Pulegone
Axial attack; Equatorial alcohols; β-Cyclodextrin; 1:2 complex; Double bond migration; Menthone (Ravichandran, R. (109) 201)

Rare-earth metal
Friedel–Crafts acylation; Zeolites; Acylation; Dealumination; Hydrophobicity (Gaare, K. (109) 177)

Reduction
N,N'-Diphenylurea; Nitrobenzene; Aniline; Methyl-*N*-phenyl carbamate; Sulfur compounds; Vanadium; Carbonylation (Macho, V. (109) 119)

Rhodium
Hydrogenation; Cross-linked polymer; Isocyanide polymer; Supported catalyst (Giannandrea, R. (109) 113)

Methanol; Hydrocarbonylation; Ruthenium; Activated carbon support; Supported catalysts (Halttunen, M.E. (109) 209)

Ruthenium
Asymmetric synthesis; Hydrogenation; Cluster; Atropoisomeric diphosphine (Matteoli, U. (109) 45)

Poly(styrene–divinyl) benzene; Hydrogenation; Nitrobenzene; Polymer supported catalyst; Supported catalysts (Patel, D.R. (109) 141)

Methanol; Hydrocarbonylation; Rhodium; Activated carbon support; Supported catalysts (Halttunen, M.E. (109) 209)

Ethylene; Hydroformylation; 1-Octene; 1,10-Phenanthroline; Propylene (Mitsudo, T.-a. (109) 219)

Side reaction
Olefins; Epoxidation; Phthalocyanine (Gaigneaux, E.M. (109) 67)

Silica
Dimolybdenum(II,II); Molybdenum; Polymerization; Cyclopentadiene; Dicyclopentadiene; Conducting (McCann, M. (109) 99)

Silica gel
Wilkinson's catalyst; Adsorption; Indole; Supported catalysts; Liquid phase (Westernacher, S. (109) 169)

Silver
Hydrogenation; Liquid phase; Isoprene; Palladium; Gold (Bond, G.C. (109) 261)

Sol–gel catalysts
Platinum–tin catalysts; n-Heptane; Dehydrocyclization; Cyclohexane; Dehydrogenation; Toluene; Dealkylation; Coke deactivation; Thiophene poisoning (Gómez, R. (109) 55)

Solid acid
Glycols; Cyclodehydration; 1,4-dioxane; Zeolites; Catalyst (Wali, A. (109) 149)

Spacer-arm
Guanidines; Polystyrenes; Transesterification; Vegetable oils; Leaching (Schuchardt, U. (109) 37)

Sulfur compounds
N,N'-Diphenylurea; Nitrobenzene; Aniline; Methyl-*N*-phenyl carbamate; Vanadium; Reduction; Carbonylation (Macho, V. (109) 119)

Supported catalysts
Hydrogenation; Cross-linked polymer; Isocyanide polymer; Rhodium (Giannandrea, R. (109) 113)

Poly(styrene–divinyl) benzene; Hydrogenation; Nitrobenzene; Ruthenium; Polymer supported catalyst (Patel, D.R. (109) 141)

Wilkinson's catalyst; Silica gel; Adsorption; Indole; Liquid phase (Westernacher, S. (109) 169)

Methanol; Hydrocarbonylation; Rhodium; Ruthenium; Activated carbon support (Halttunen, M.E. (109) 209)

Chiral supports; Macromolecular supports; Metal catalysis (Boaro, M. (109) L81)

Surface area
Copper; Alumina; Electroless plating; Dehydrogenation; Acidity (Chang, H.-F. (109) 249)

Telomerization
Cyclopalladated complexes; Palladium; Butadiene; Alcohols (Camargo, M. (109) 127)

Thiol oxidation
Zeozyme; Zeolites; Encapsulation; Phthalocyanine; Hydrophobicity (Thibault-Starzyk, F. (109) 75)

Thiophene poisoning
Sol–gel catalysts; Platinum–tin catalysts; n-Heptane; Dehydrocyclization; Cyclohexane; Dehydrogenation; Toluene; Dealkylation; Coke deactivation (Gómez, R. (109) 55)

Toluene
Sol–gel catalysts; Platinum–tin catalysts; n-Heptane; Dehydrocyclization; Cyclohexane; Dehydrogenation; Dealkylation; Coke deactivation; Thiophene poisoning (Gómez, R. (109) 55)

Zeolite; H-ZSM-5; Gallium; MAS NMR; Mechanism; Alkylation; Benzene; Propane (Ivanova, I.I. (109) 157)

Transesterification
Guanidines; Polystyrenes; Spacer-arm; Vegetable oils; Leaching (Schuchardt, U. (109) 37)

Ureas
Carbonylation; Nitro compounds; Isocyanates; Carbamates; Palladium; Mechanistic studies (Ragaini, F. (109) 1)

Vanadium
Wacker oxidation; Olefins; Dextrin derivatives; Per(2,6-di-*O*-methyl)-β-cyclodextrin; Phosphomolybdovanadic acid; Copper sulfate; Palladium (Monflier, E. (109) 27)

N,N'-Diphenylurea; Nitrobenzene; Aniline; Methyl-*N*-phenyl carbamate; Sulfur compounds; Reduction; Carbonylation (Macho, V. (109) 119)

Vegetable oils
Guanidines; Polystyrenes; Spacer-arm; Transesterification; Leaching (Schuchardt, U. (109) 37)

Wacker oxidation
Olefins; Dextrin derivatives; Per(2,6-di-*O*-methyl)-β-cyclodextrin; Phosphomolybdovanadic acid; Copper sulfate; Palladium; Vanadium (Monflier, E. (109) 27)

Wilkinson's catalyst
Silica gel; Adsorption; Indole; Supported catalysts; Liquid phase (Westernacher, S. (109) 169)

Zeolites
Thiol oxidation; Zeozyme; Encapsulation; Phthalocyanine; Hydrophobicity (Thibault-Starzyk, F. (109) 75)

H-ZSM-5; Gallium; MAS NMR; Mechanism; Alkylation; Benzene; Propane; Toluene (Ivanova, I.I. (109) 157)

Glycols; Cyclodehydration; 1,4-dioxane; Solid acid; Catalyst (Wali, A. (109) 149)

Friedel–Crafts acylation; Acylation; Rare-earth metal; Dealumination; Hydrophobicity (Gaare, K. (109) 177)

Zeozyme
Thiol oxidation; Zeolites; Encapsulation; Phthalocyanine; Hydrophobicity (Thibault-Starzyk, F. (109) 75)

Zirconia–silica
Photocatalysis; Photooxidation; Nitrophenol (Navío, J.A. (109) 239)

H-ZSM-5
Zeolite; Gallium; MAS NMR; Mechanism; Alkylation; Benzene; Propane; Toluene (Ivanova, I.I. (109) 157)